

STONEHAM HIGH SCHOOL

Building Committee Meeting



1.10.2022

AGENDA

- 1\ Typical Classrooms
- 2\ Classroom Exterior Elevation
- 3\ Classroom Lighting Strategy
- 4\ North Area Update
- 5\ Gym Layout Update



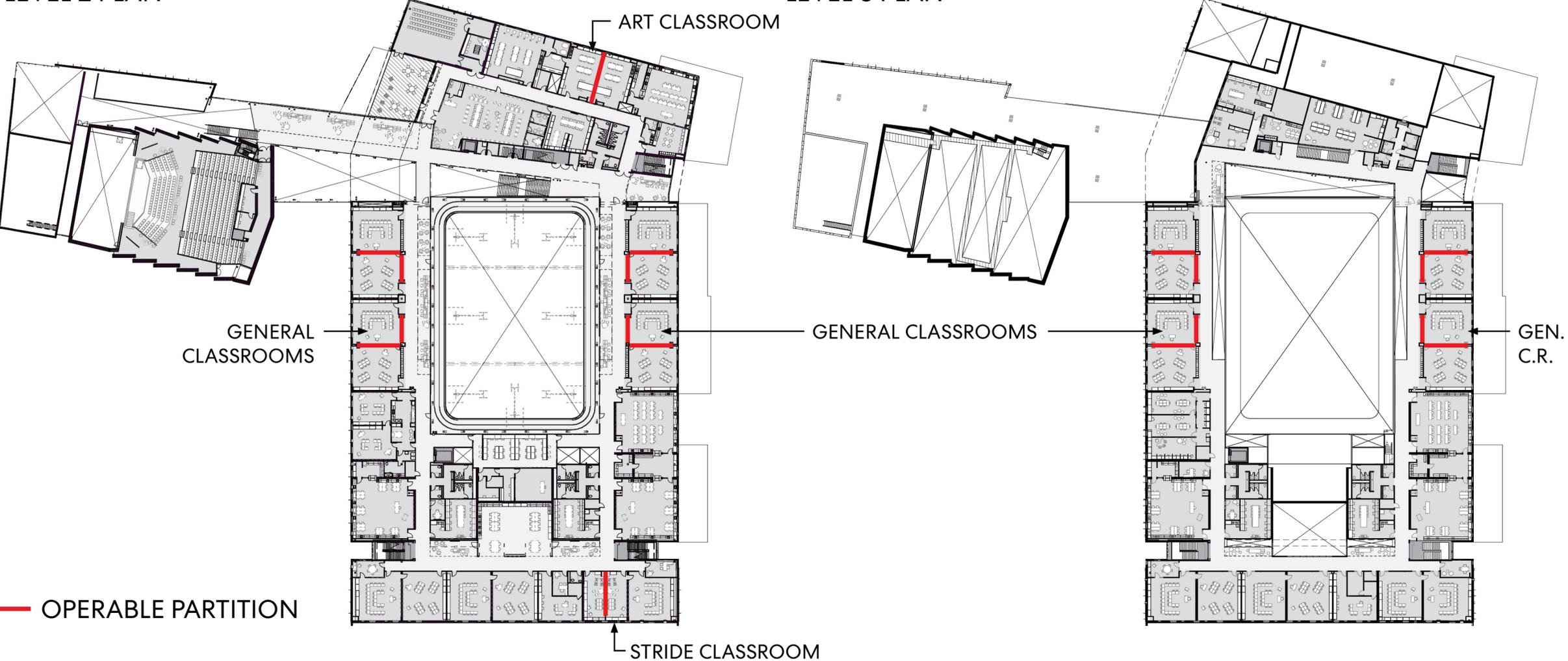
TYPICAL CLASSROOMS

Building Committee Meeting

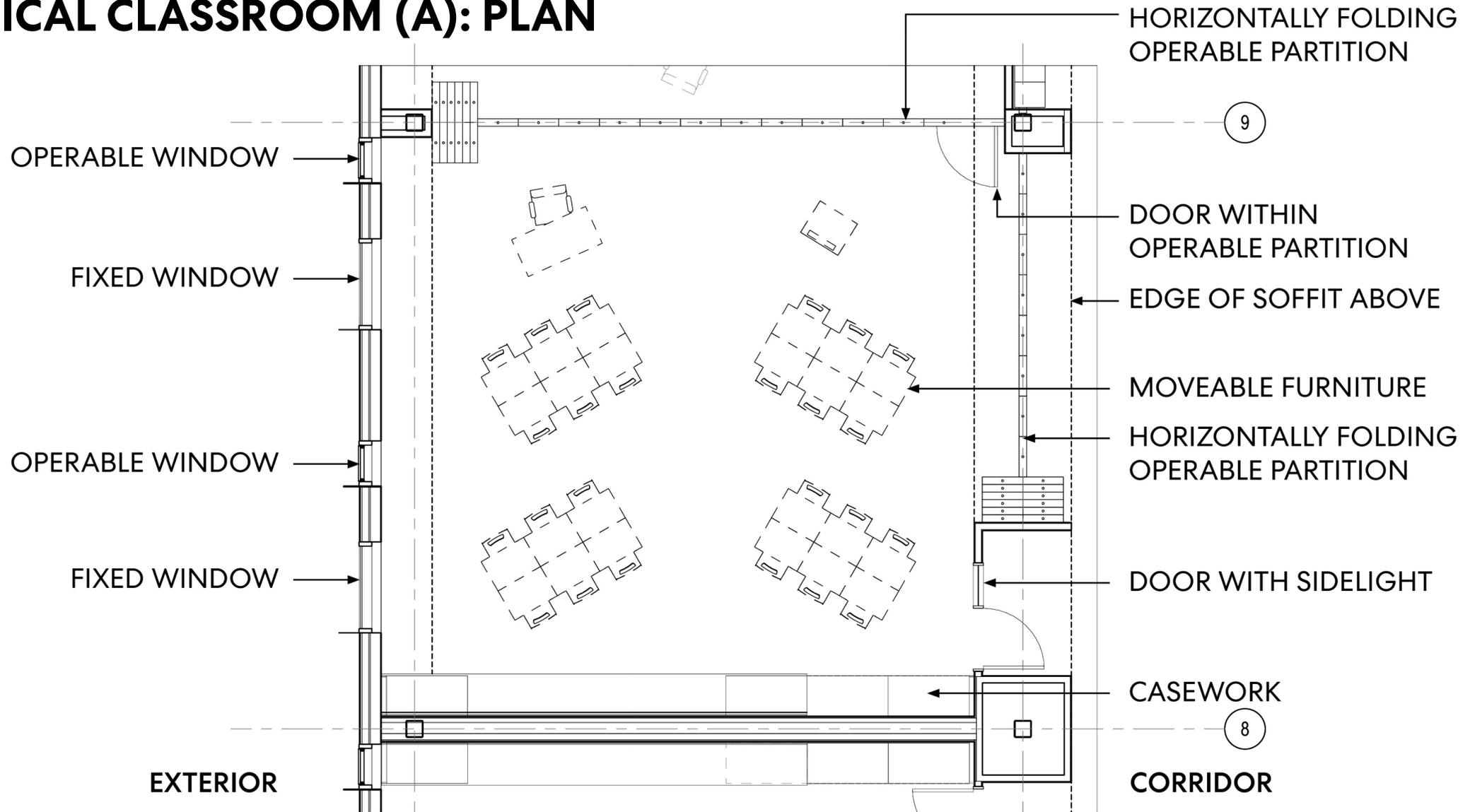
OPERABLE PARTITION REFERENCE PLANS

LEVEL 2 PLAN

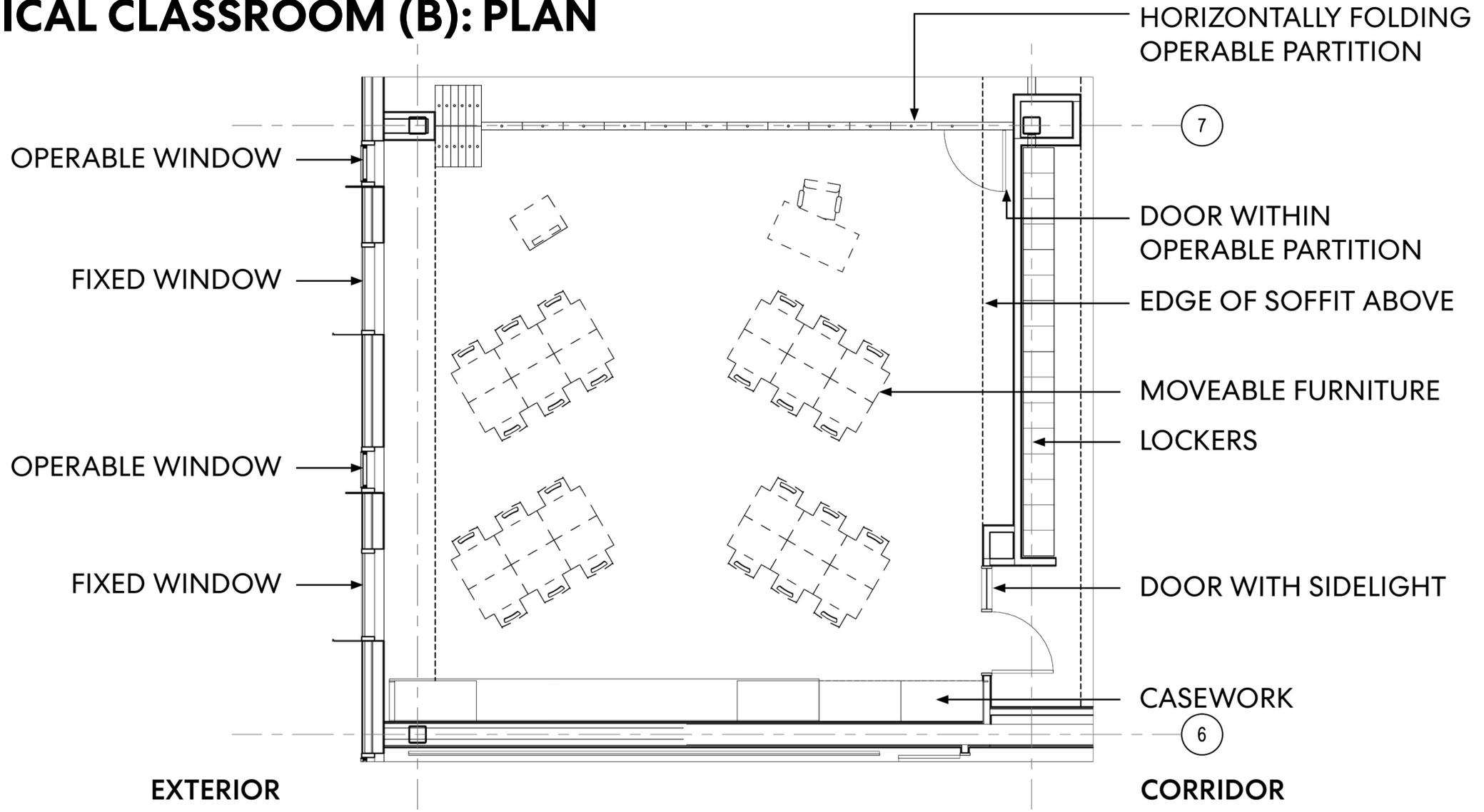
LEVEL 3 PLAN



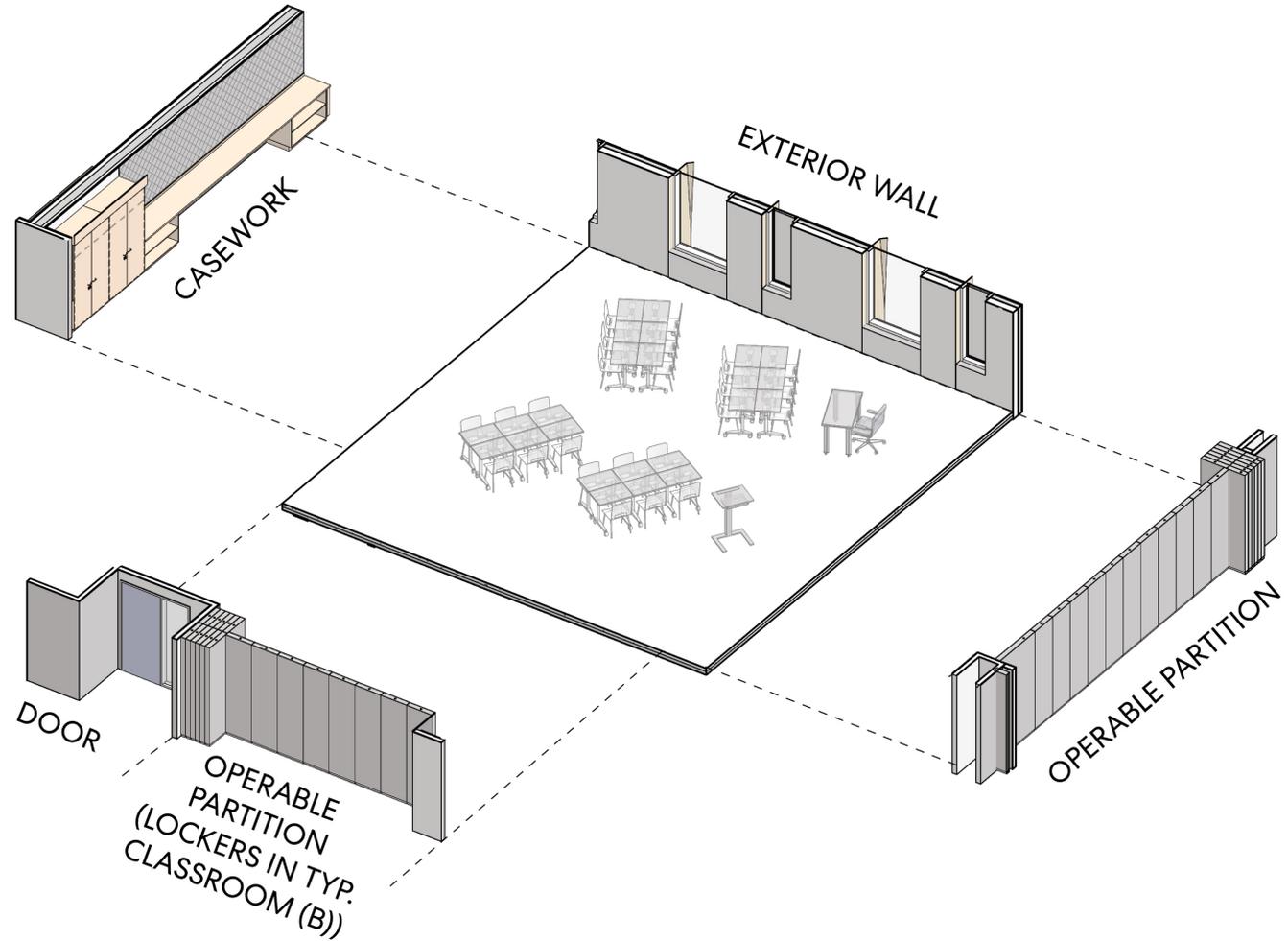
TYPICAL CLASSROOM (A): PLAN



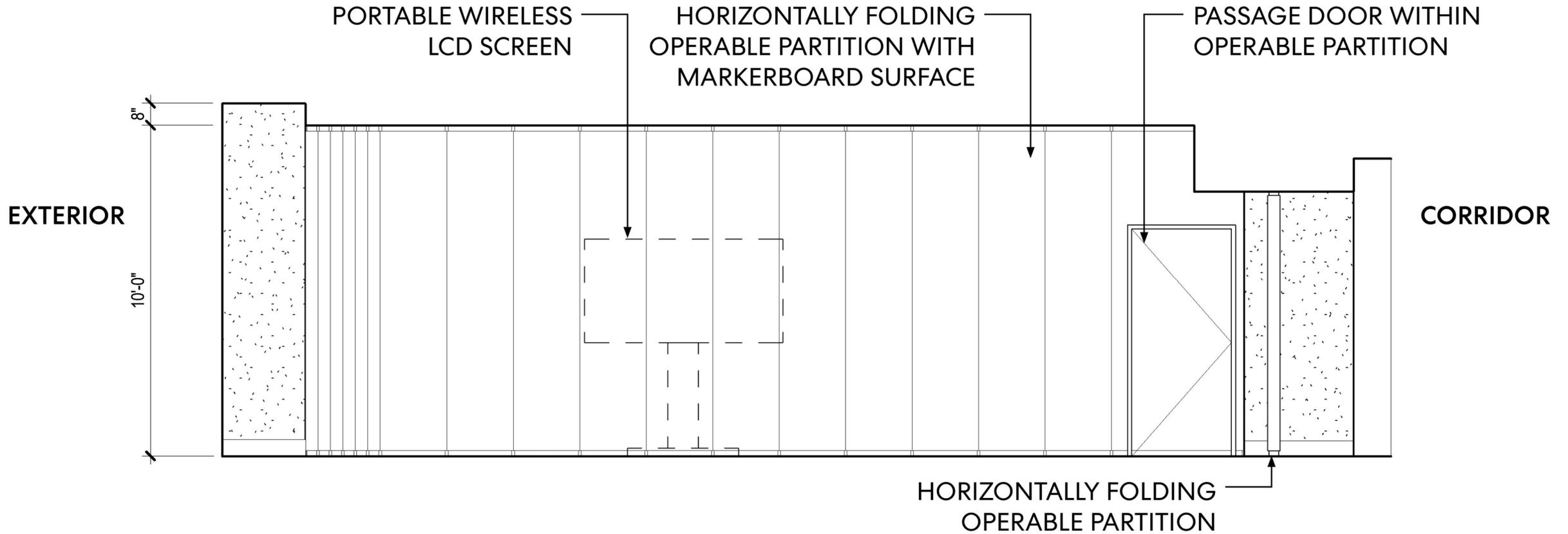
TYPICAL CLASSROOM (B): PLAN



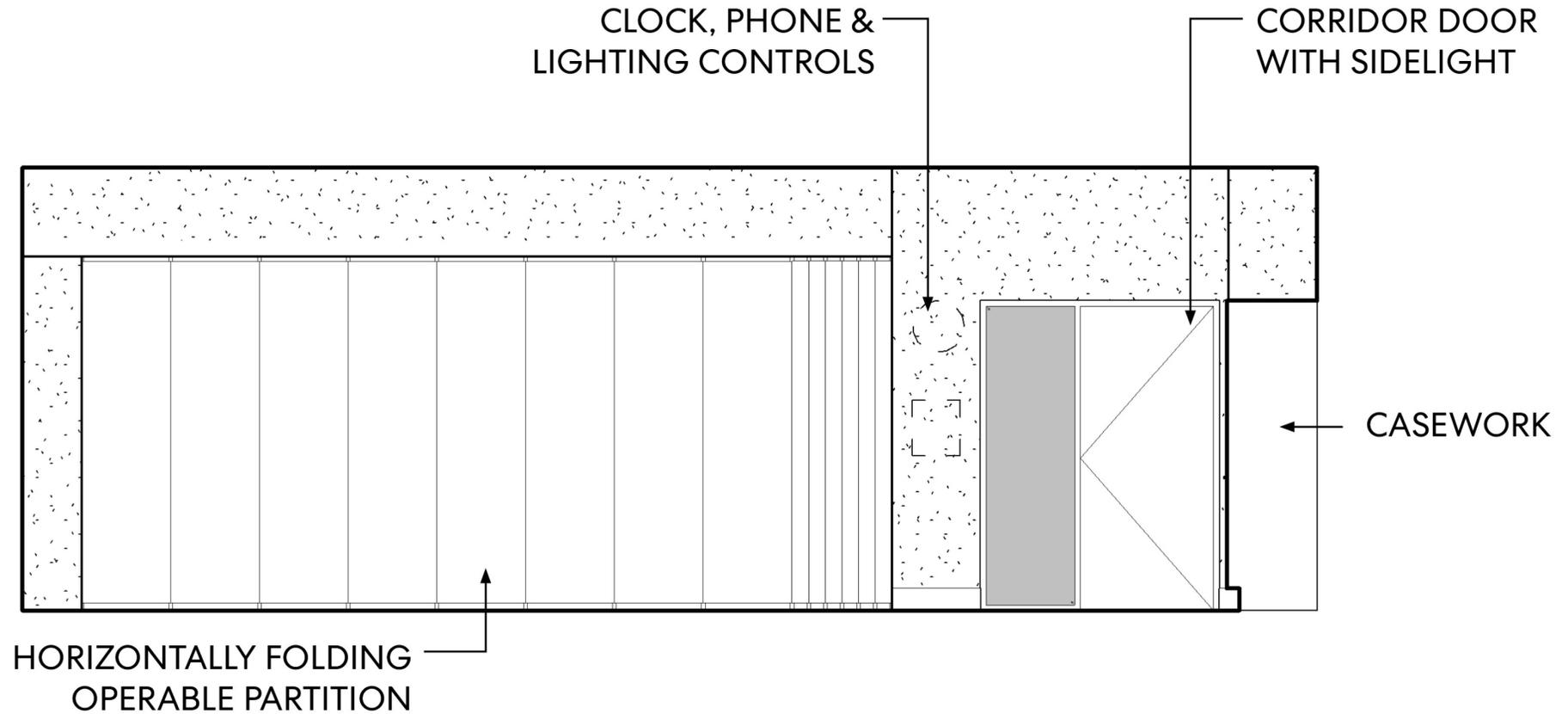
TYPICAL CLASSROOM AXON VIEW



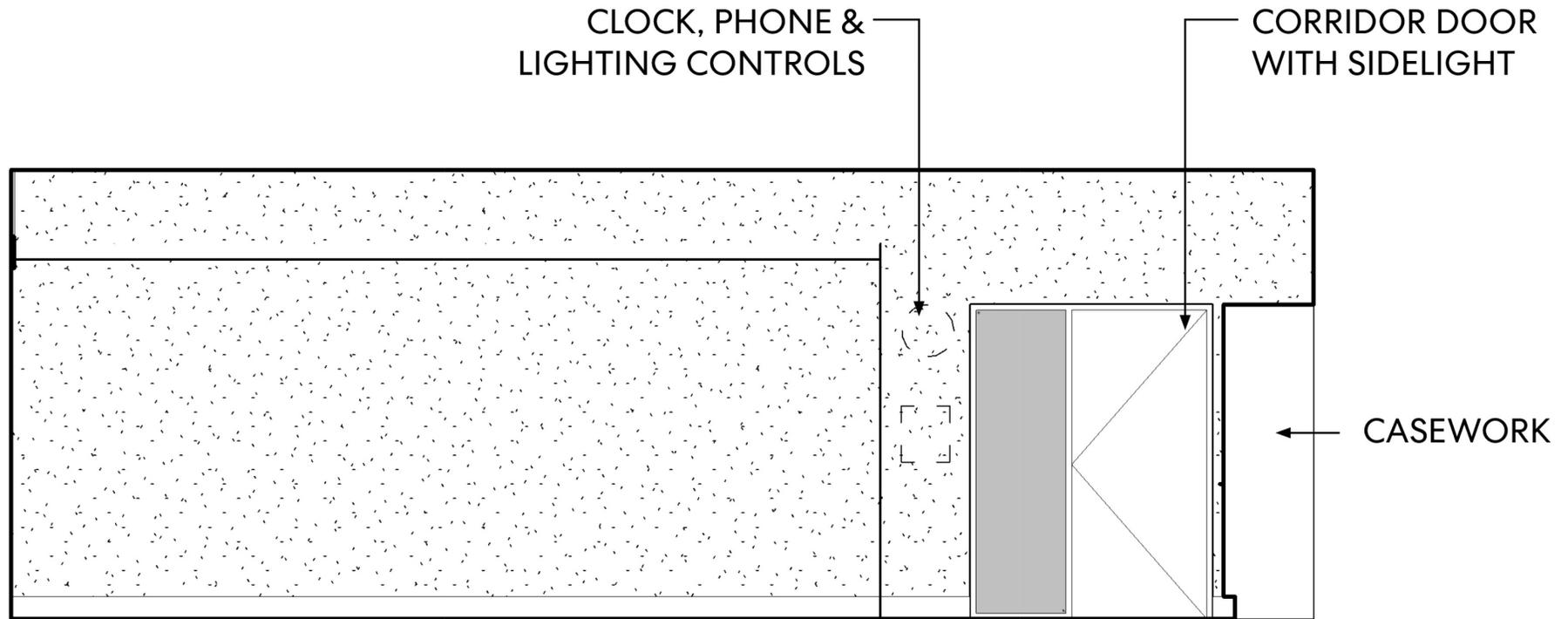
TYPICAL CLASSROOM ELEVATION: PRIMARY TEACHING WALL



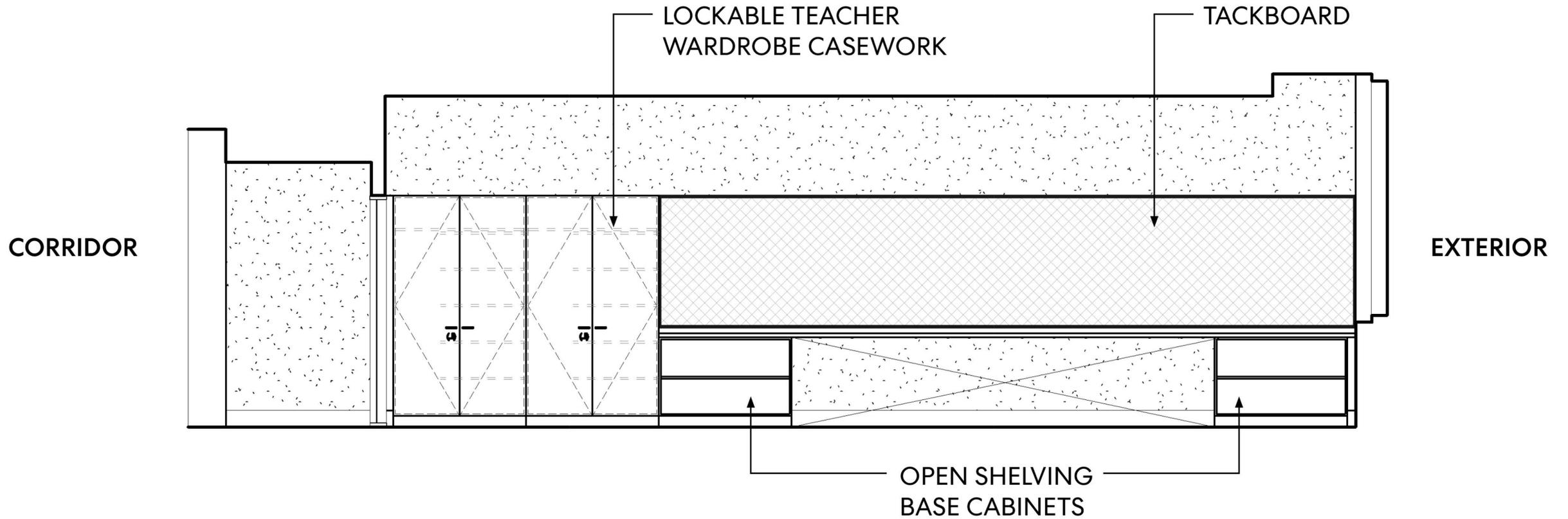
TYPICAL CLASSROOM (A) ELEVATION: CORRIDOR WALL



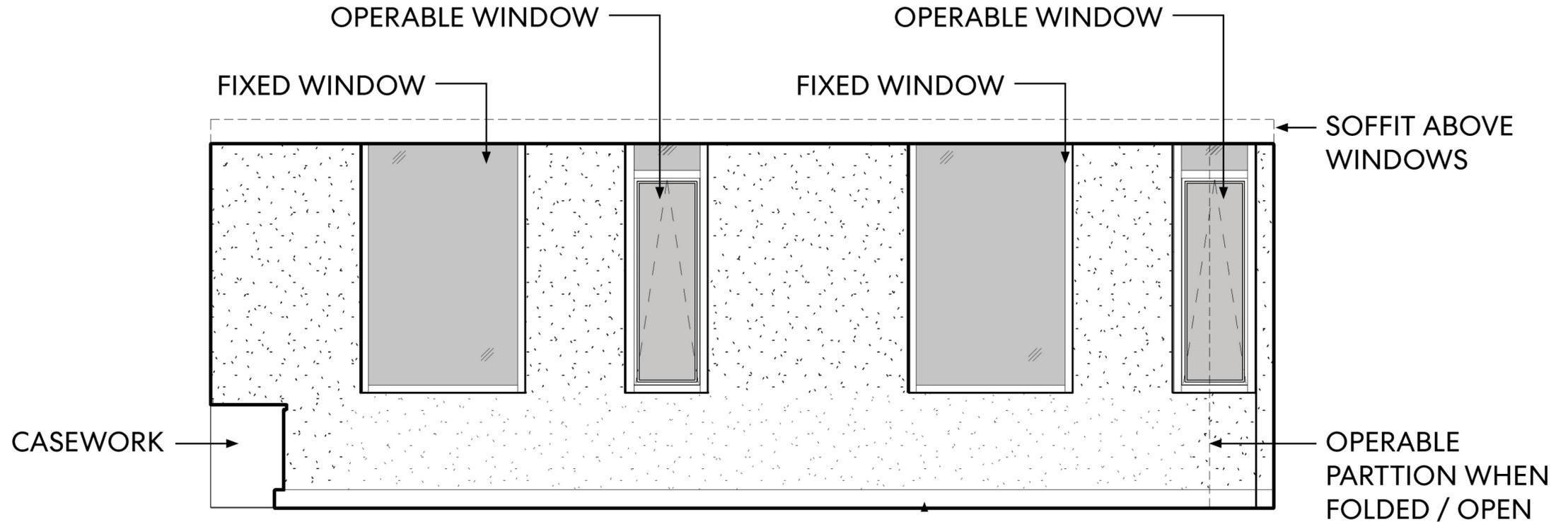
TYPICAL CLASSROOM (B) ELEVATION: CORRIDOR WALL



TYPICAL CLASSROOM ELEVATION: CASEWORK WALL



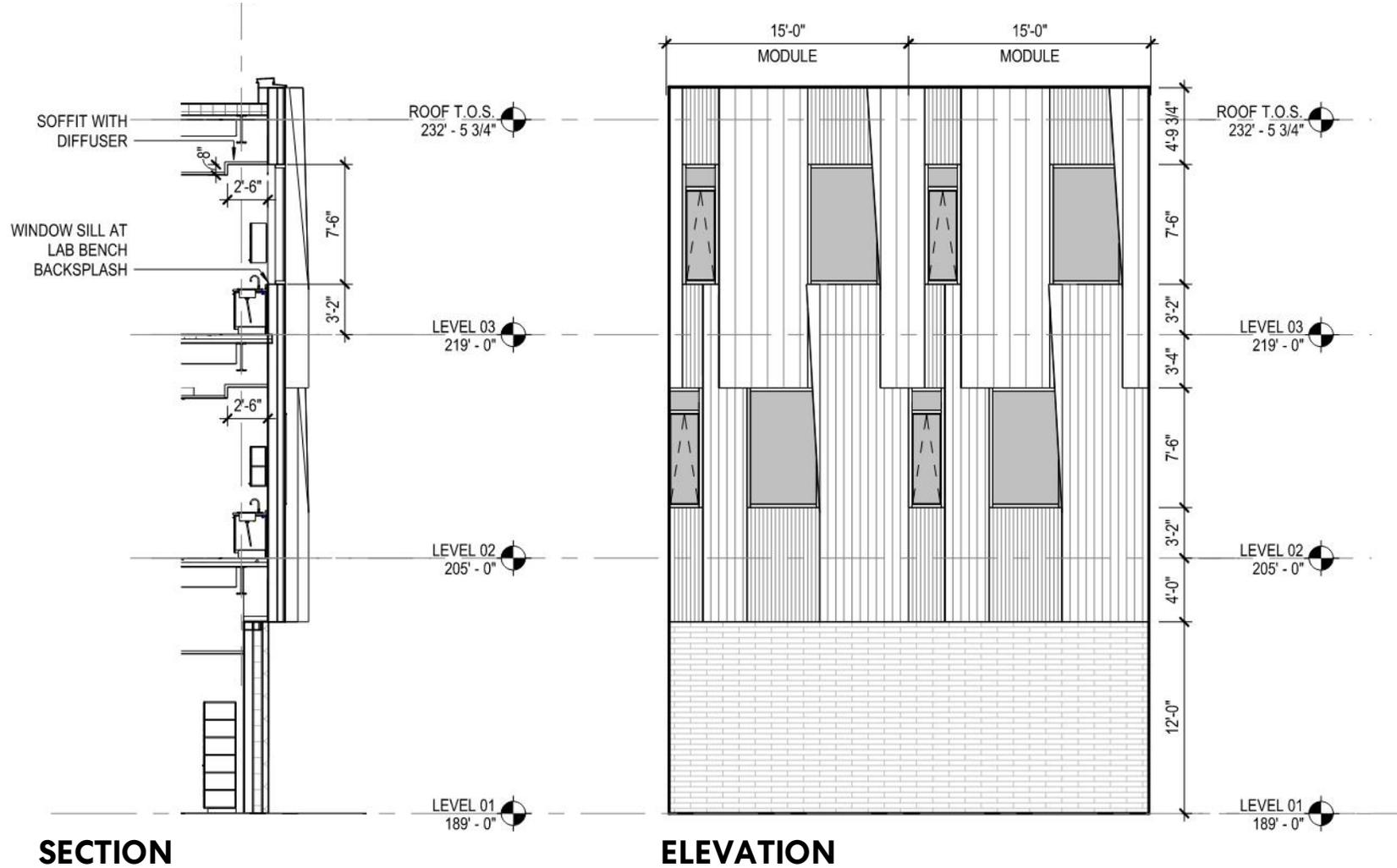
TYPICAL CLASSROOM ELEVATION: WINDOW WALL



TYPICAL CLASSROOM EXTERIOR ELEVATION

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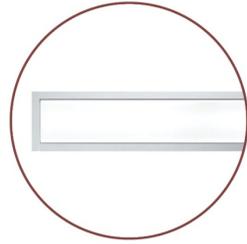
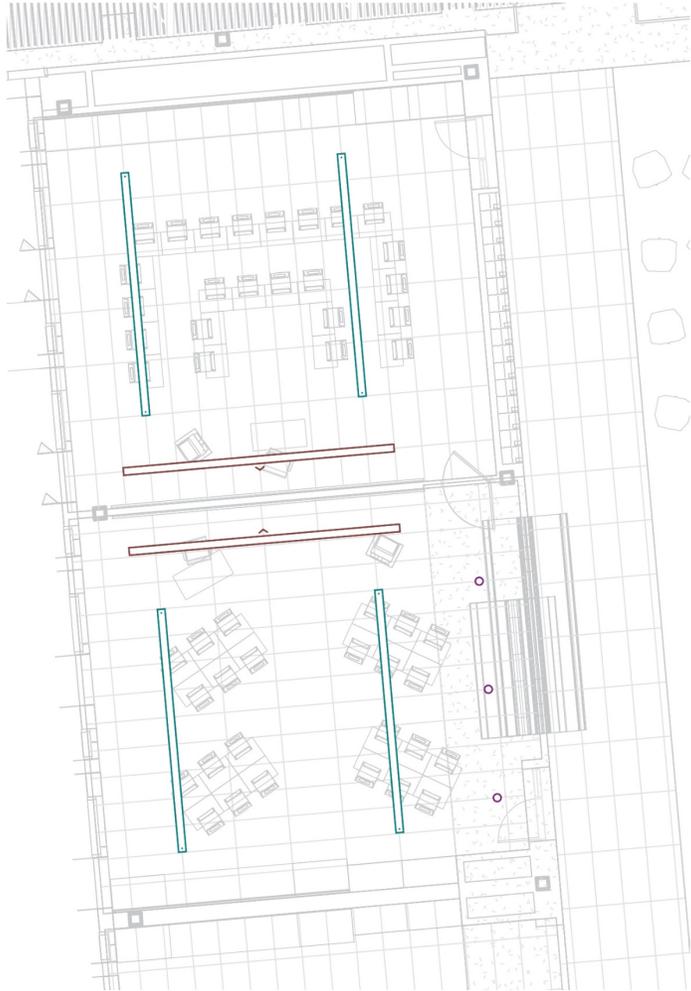
TYPICAL CLASSROOM EXTERIOR ELEVATION



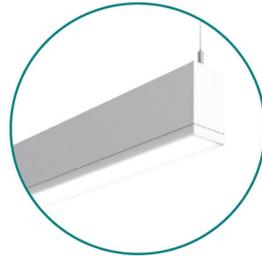
TYPICAL CLASSROOM LIGHTING STRATEGY

Building Committee Meeting

TYP. CLASSROOM LIGHTING: STRATEGY 1



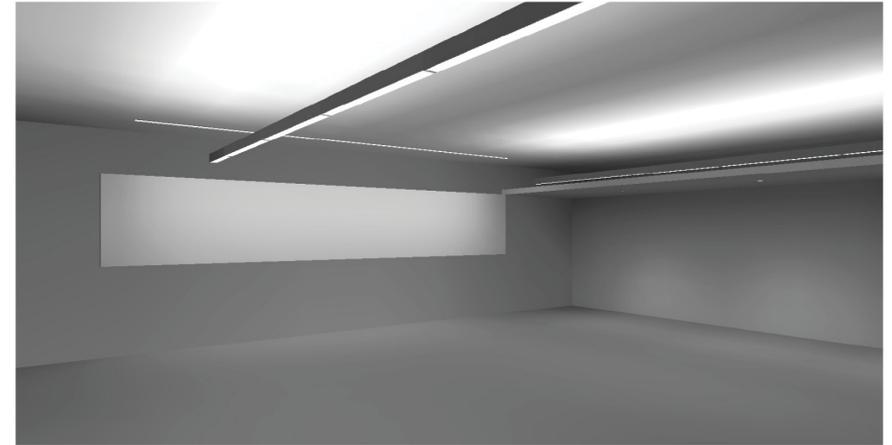
Recessed Wall Washer
750lm/ft @ 10'-0" AFF



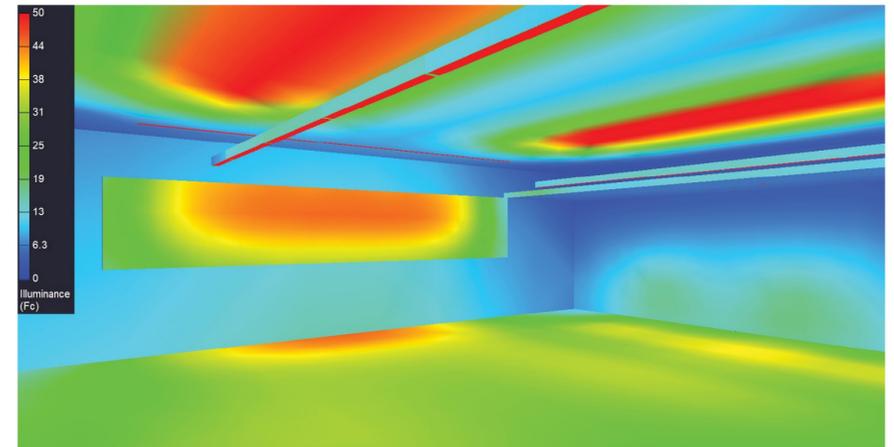
Suspended Linear Pendant
875lm/ft @ 8'-0" AFF



Recessed Downlight
1181lm @ 8'-0" AFF



Rendered Perspective



Pseudo Color Perspective

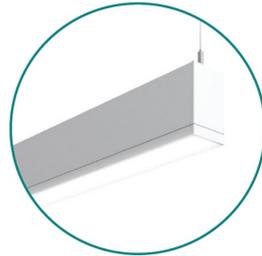
LIGHT OUTPUT: 33fc AVG

LIGHTING POWER DENSITY: 0.47 W/SF

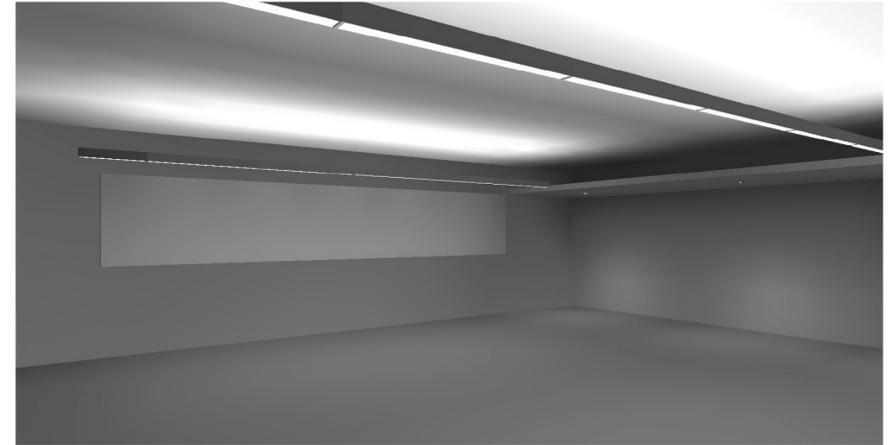
TYP. CLASSROOM LIGHTING: STRATEGY 2



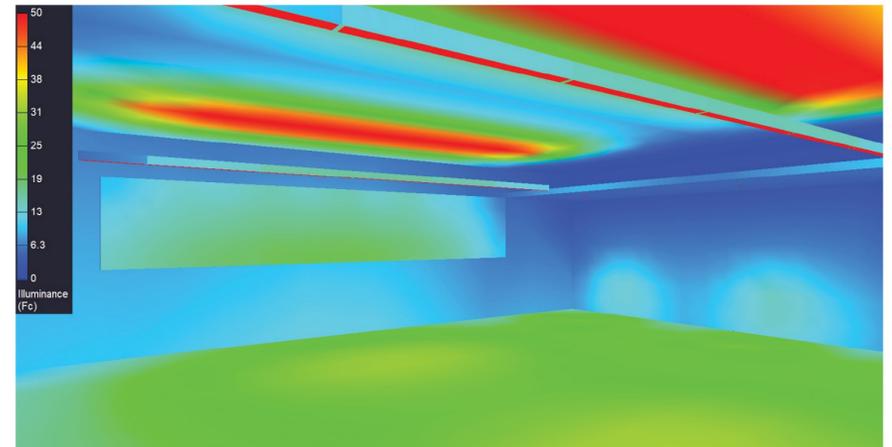
Recessed Round Downlight
1181lm @ 8'-0" AFF



Suspended Linear Pendant
875lm/ft @ 8'-0" AFF



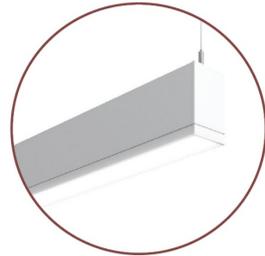
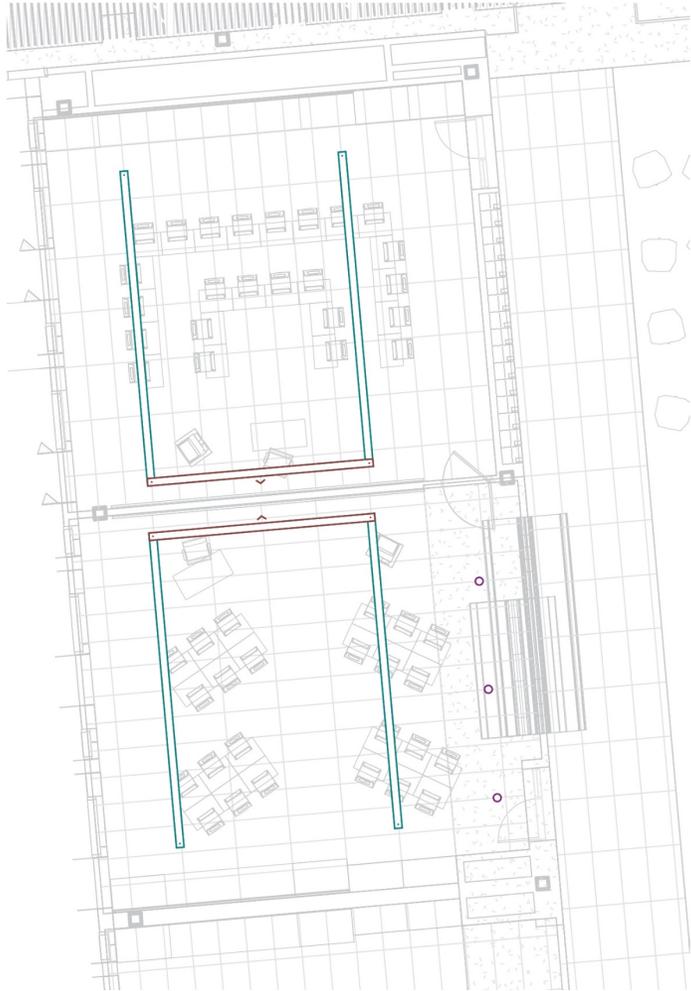
Rendered Perspective



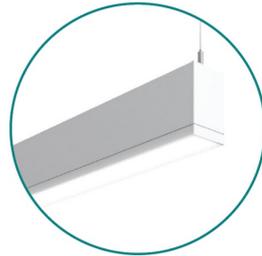
Pseudo Color Perspective

LIGHT OUTPUT: 30fc AVG
LIGHTING POWER DENSITY: 0.38 W/SF

TYP. CLASSROOM LIGHTING: STRATEGY 3



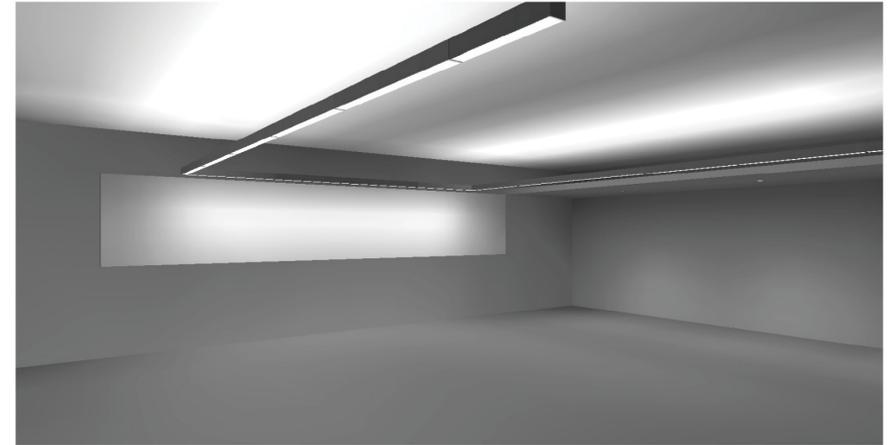
Suspended Linear Pendant
550lm/ft @ 8'-0" AFF



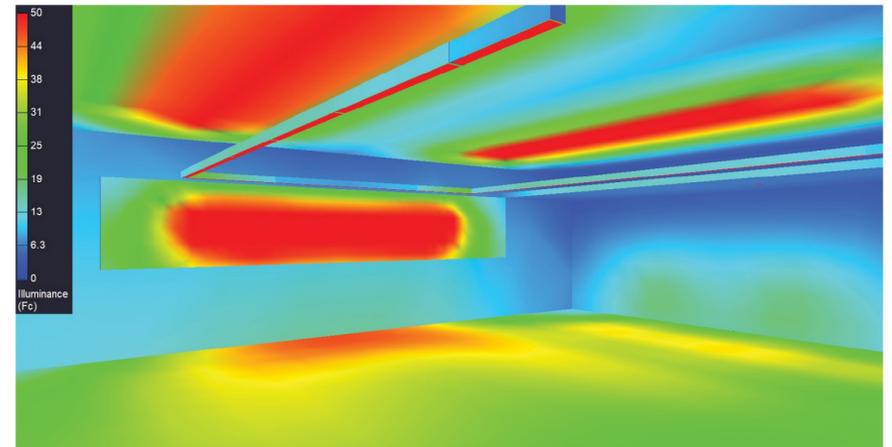
Suspended Linear Pendant
875lm/ft @ 8'-0" AFF



Recessed Downlight
1181lm @ 8'-0" AFF



Rendered Perspective

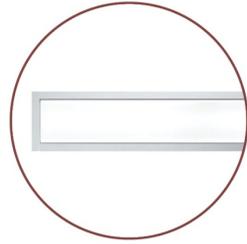


Pseudo Color Perspective

LIGHT OUTPUT: 33fc AVG

LIGHTING POWER DENSITY: 0.48 W/SF

TYP. CLASSROOM LIGHTING: STRATEGY 4



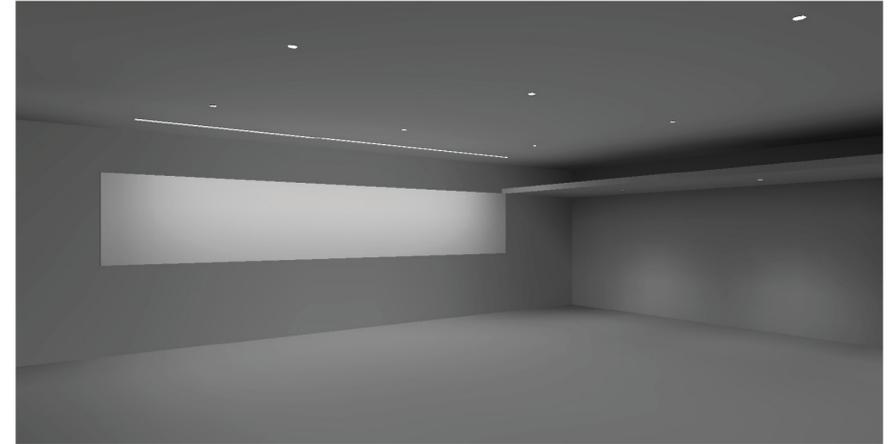
Recessed Wall Washer
750lm/ft @ 10'-0" AFF



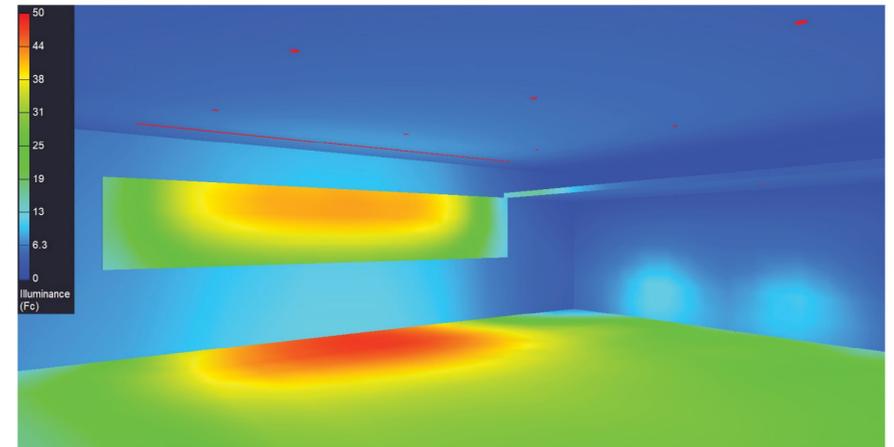
Recessed Round Downlight
1575lm @ 10'-0" AFF



Recessed Round Downlight
1181lm @ 8'-0" AFF



Rendered Perspective

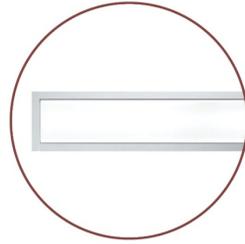
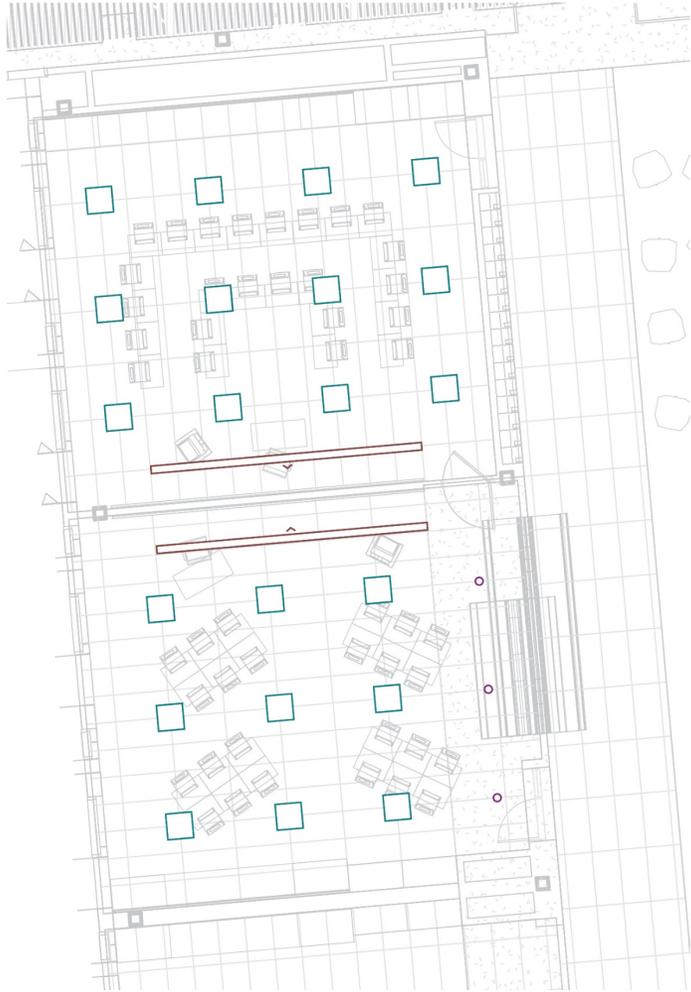


Pseudo Color Perspective

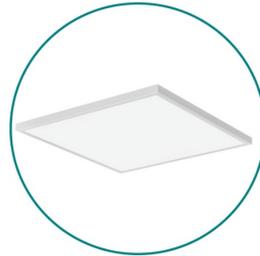
LIGHT OUTPUT: 29fc AVG

LIGHTING POWER DENSITY: 0.37 W/SF

TYP. CLASSROOM LIGHTING: STRATEGY 5



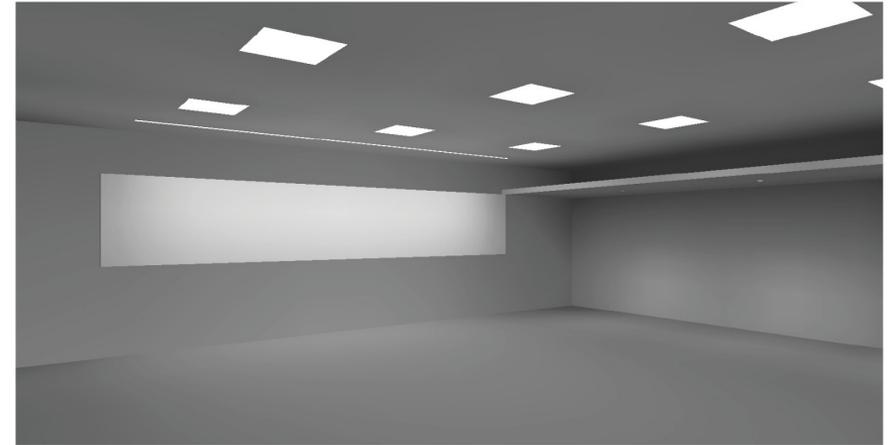
Recessed Wall Washer
725lm/ft @ 10'-0" AFF



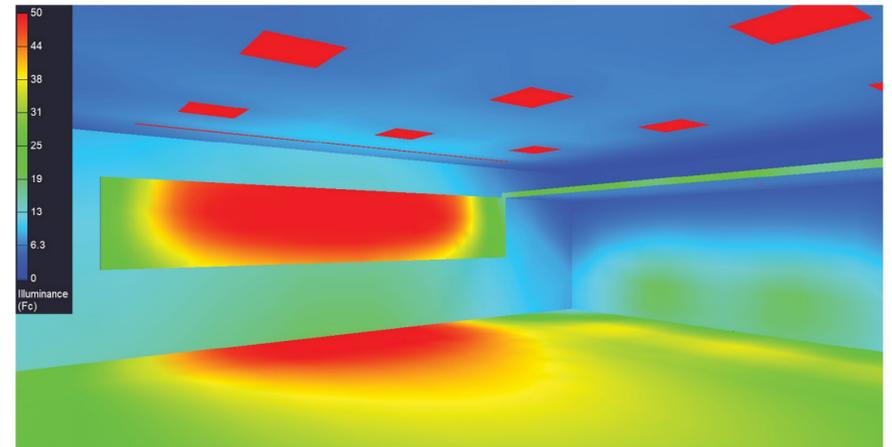
Recessed Square Downlight
3300lm @ 10'-0" AFF



Recessed Round Downlight
1181lm @ 8'-0" AFF



Rendered Perspective

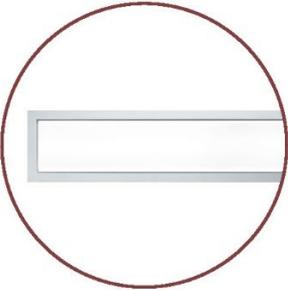


Pseudo Color Perspective

LIGHT OUTPUT: 35fc AVG

LIGHTING POWER DENSITY: 0.45 W/SF

PREFERRED: STRATEGY 4

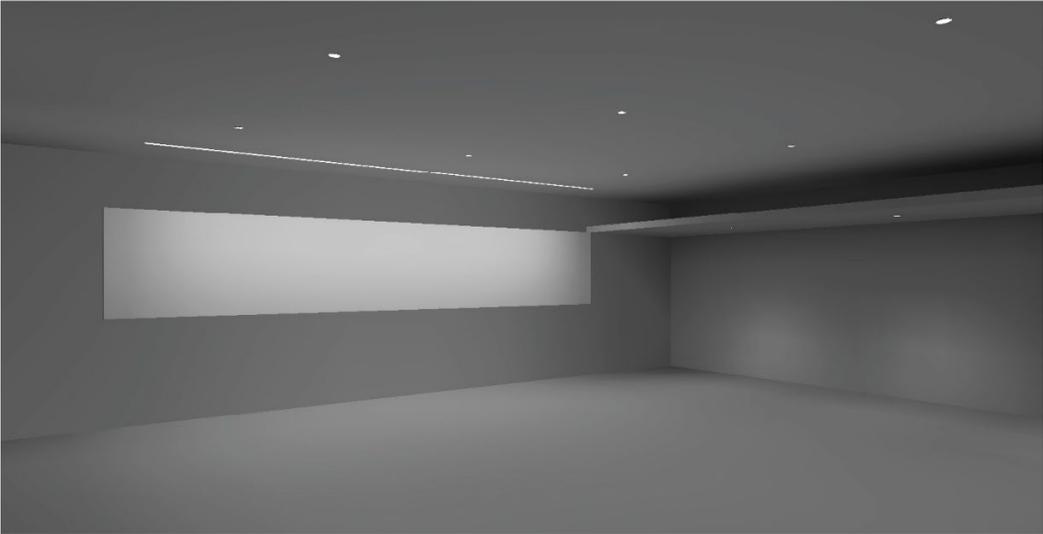


Recessed Wall Washer
750lm/ft @ 10'-0" AFF

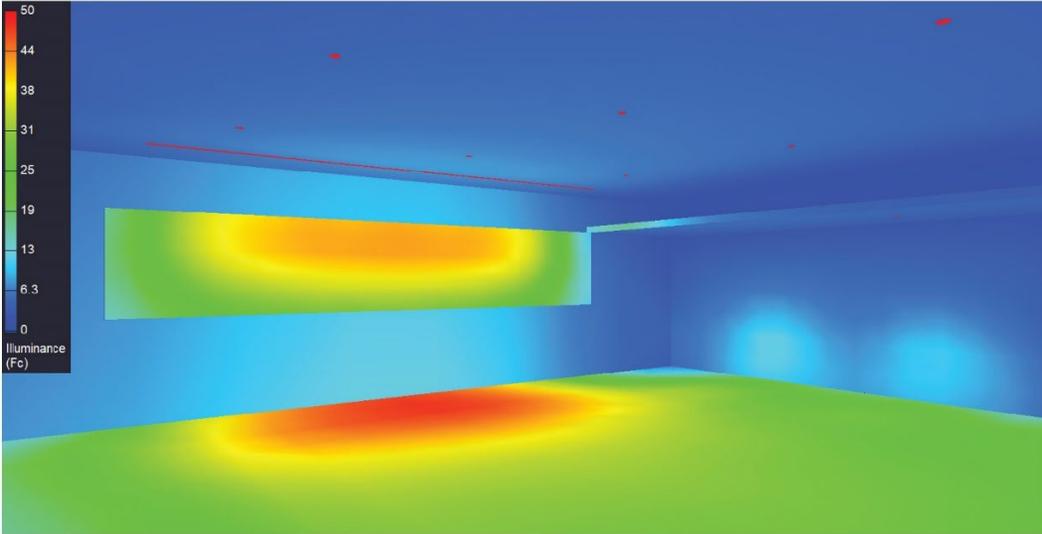


Recessed Round Downlight
1575lm @ 10'-0" AFF

LIGHT OUTPUT: 29fc AVG
LIGHTING POWER DENSITY: 0.37 W/SF



Rendered Perspective

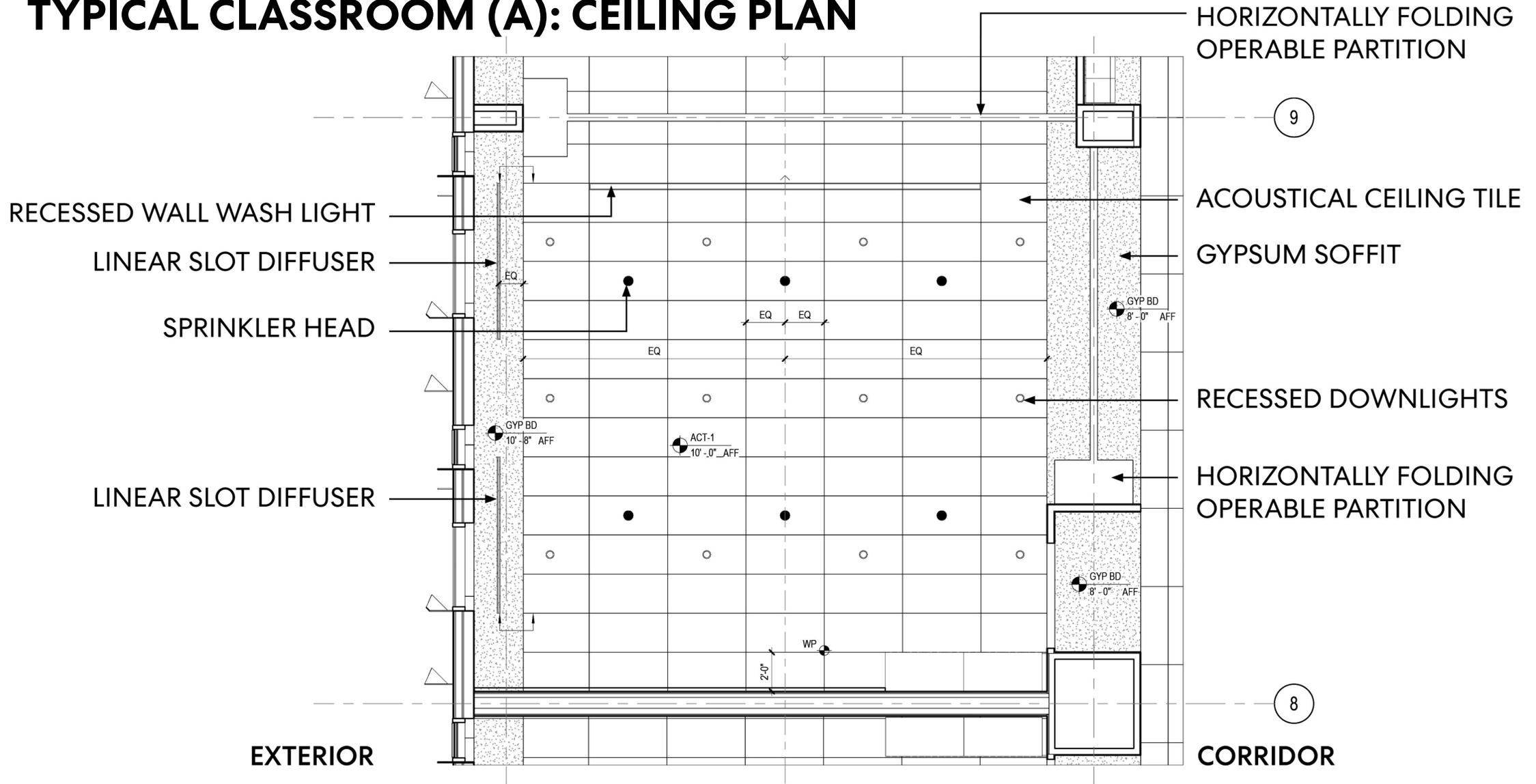


Pseudo Color Perspective

TYPICAL CLASSROOM LIGHTING STRATEGY 4



TYPICAL CLASSROOM (A): CEILING PLAN

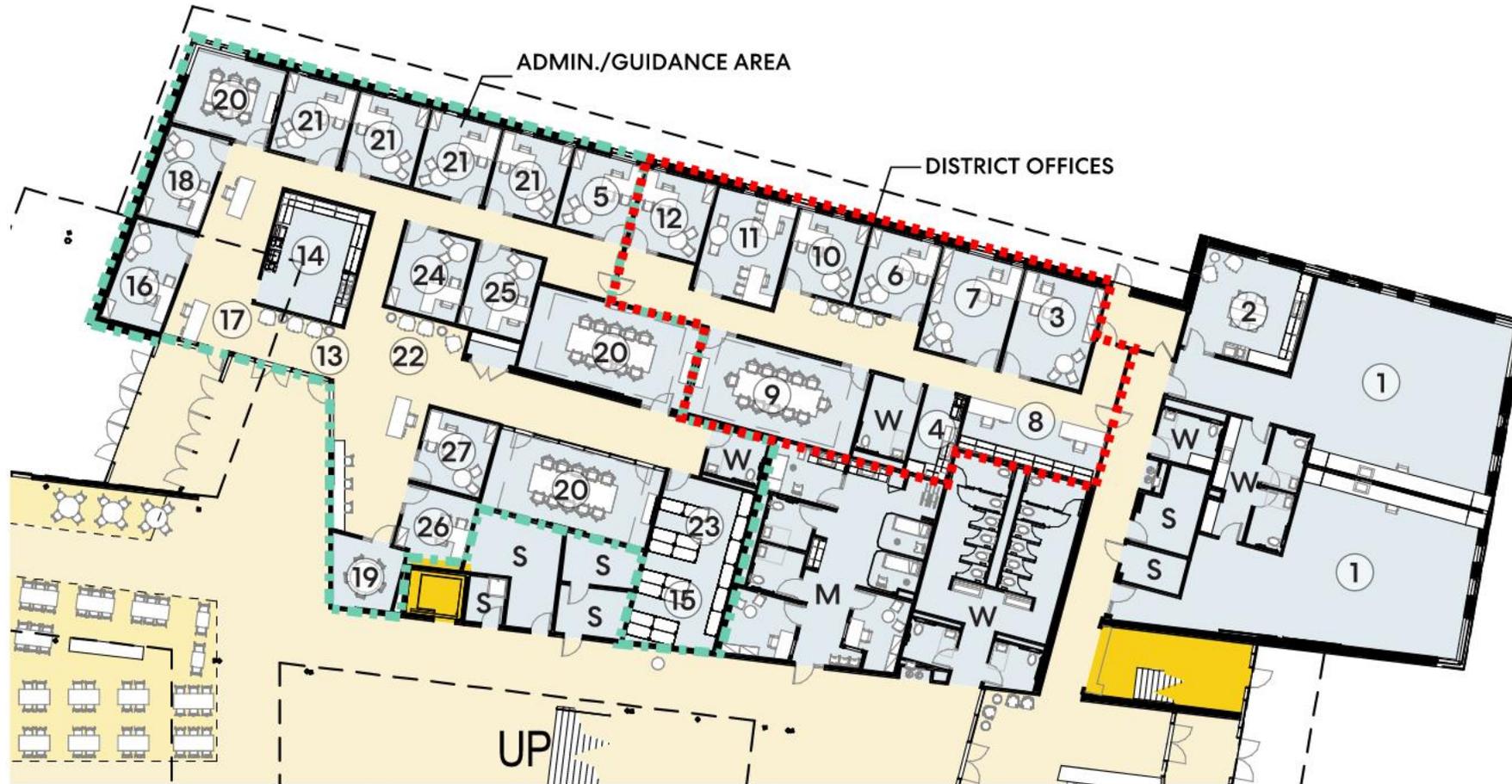


NORTH AREA UPDATE

Building Committee Meeting

NORTH AREA - DESIGN DEVELOPMENT REVISED PLAN OPTION 2

NORTH AREA LEVEL 01



PRE-K

1. PRE-K CLASSROOM
2. TEACHER WORK ROOM / COLLABORATION

DISTRICT OFFICES

3. SUPERINTENDENT OFFICE
4. SECRETARY WITH COPY AREA
5. TECH DIRECTOR
6. HUMAN RESOURCES
7. ASSISTANT SUPERINTENDENT
8. ADMIN ASSISTANT
9. CONFERENCE ROOM
10. NETWORK DIRECTOR
11. DATA SYSTEMS MANAGER & DATA SUPPORT
12. NETWORK SUPPORT

ADMINISTRATION & GUIDANCE

13. GENERAL OFFICE / WAITING ROOM
14. TEACHER'S MAIL AND TIME ROOM
15. RECORDS ROOM
16. PRINCIPAL'S OFFICE
17. PRINCIPAL'S SECRETARY / WAITING
18. ASSISTANT PRINCIPAL'S OFFICE
19. SUPERVISORY/SPARE OFFICE
20. CONFERENCE ROOM
21. GUIDANCE OFFICE
22. GUIDANCE WAITING ROOM
23. GUIDANCE STOREROOM
24. SCHOOL ADJUSTMENT COUNSELOR
25. SCHOOL PSYCH.
26. SPED OFFICE
27. SPED TRANSITION COORDINATOR OFFICE
- M. MEDICAL SUITE

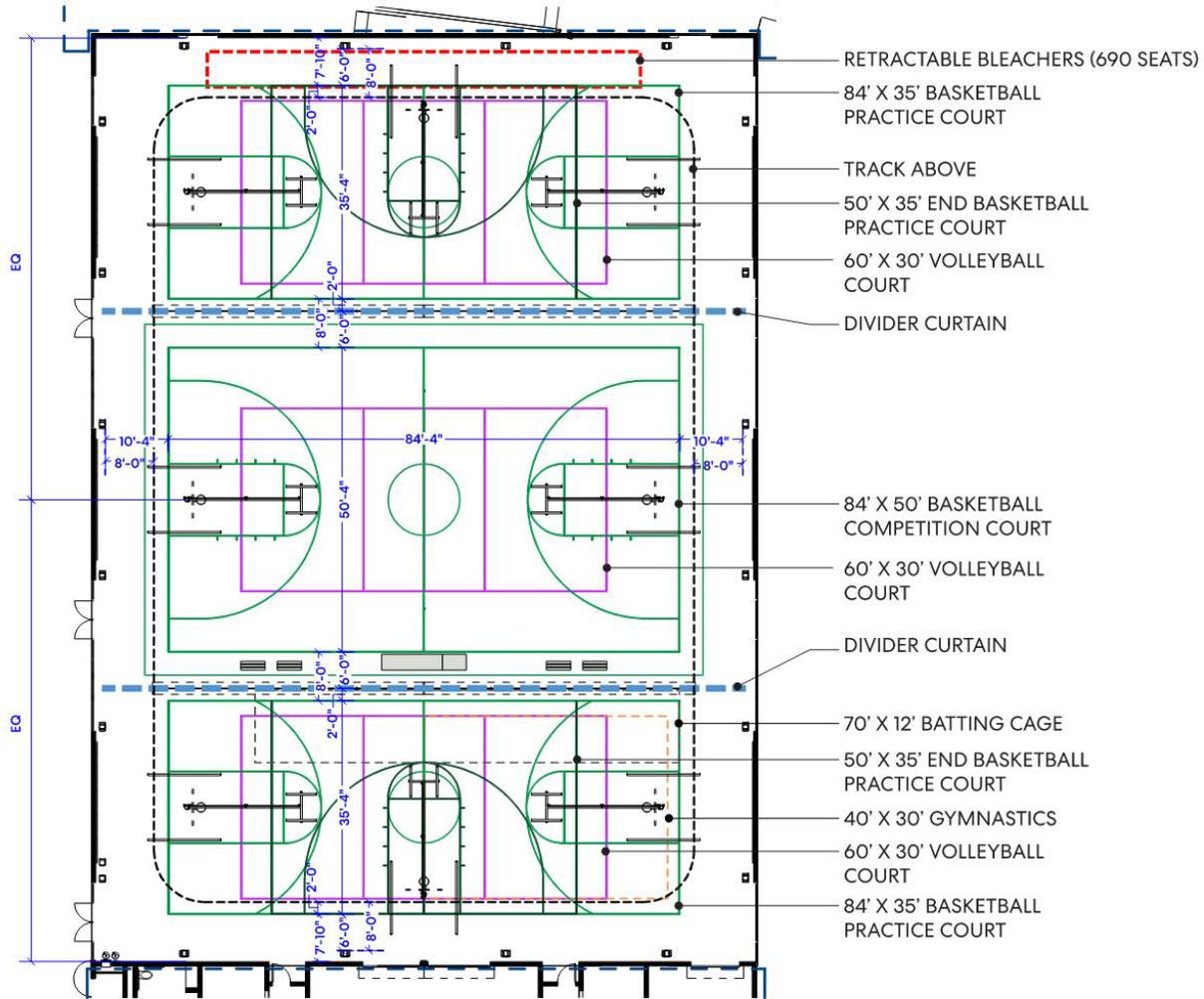
SUPPORT

- W WATER CLOSET
- S SUPPORT

GYM LAYOUT UPDATE

Building Committee Meeting

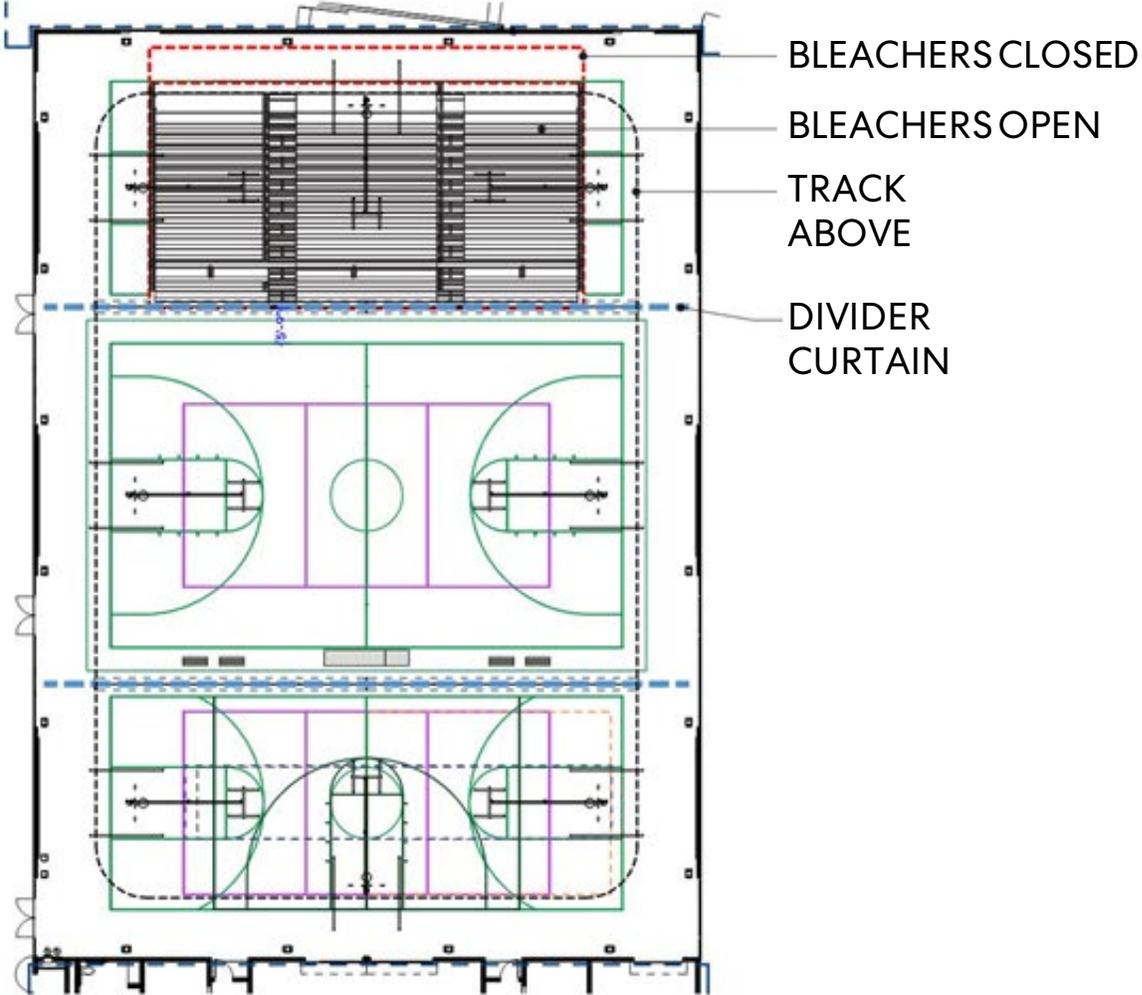
GYMNASIUM – DESIGN DEVELOPMENT PLAN



Gymnasium Layout Client Feedback:

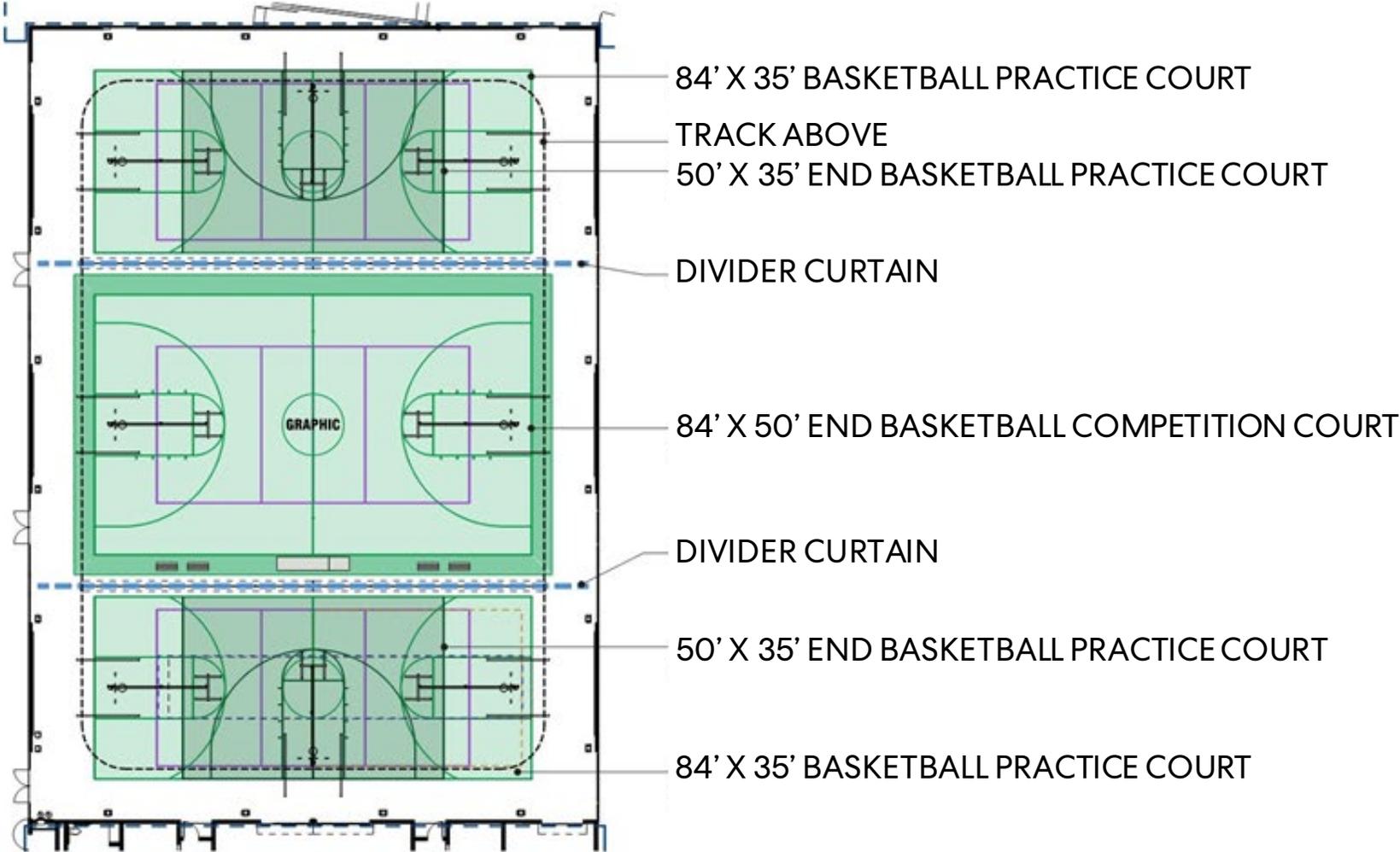
- All three courts should have basketball lines, volleyball lines, as well as the inserts in the floor for the volleyball poles.
- The gymnastics floor can NOT go on the main court. All gymnastics equipment must go on the side court closest to the locker rooms for many reasons.
- Ensure when the divider curtain at the main basketball court comes down between the side court and the main court that there is still enough room for team benches and a game table, without impeding the safety of the game.
- Would like to work on getting better access to the suspended track, something better than having to go outside the gym and then up the stairs. Is there any way to provide a staircase inside the gym?
- Suggests to have 6 basketball hoops that would go on each end of all 3 courts.
- Needs one master switch that can raise and lower ALL baskets at one time (possible choosing which ones to leave alone).
- Would like to have two things be stored and hung from the ceiling: a baseball/softball batting cage as well as the cheer/gymnastics mats.
- Would like to have a good discussion about what walls we have and how we use them for either hanging banners or school logo's or statements such as "Spartan Strong."
- Needs to discuss location for school hall of fame plaque and scoreboards. Would like a similar condition as Billerica.
- Strongly wants the wall that abuts the Pre-K to be solid so that there is zero interaction or visibility to them or to us from them. Suggests this wall to be used for location for logo or banners etc...

GYMNASIUM LAYOUT - BLEACHERS

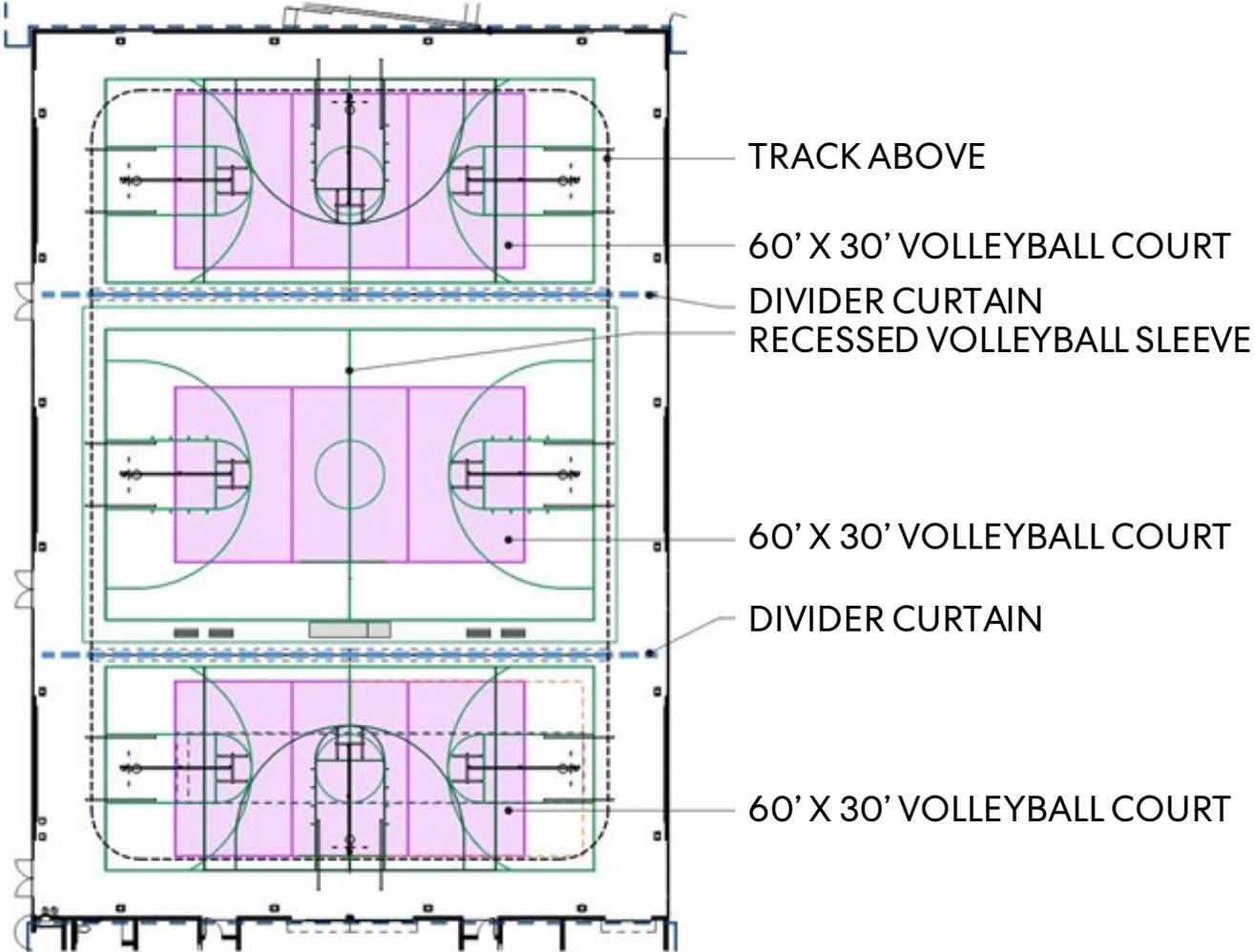


RETRACTABLE BLEACHERS

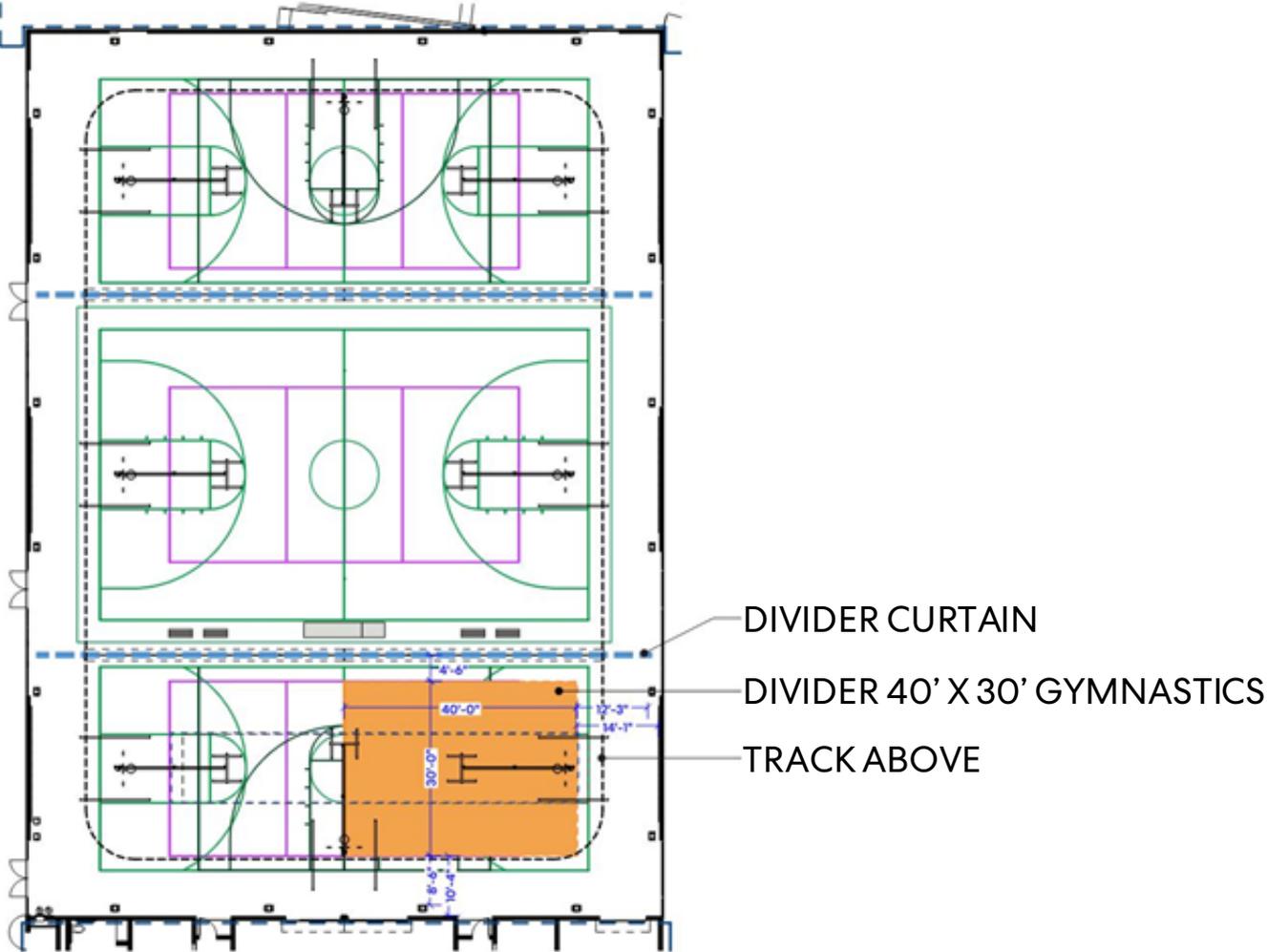
GYMNASIUM LAYOUT - BASKETBALL COURTS



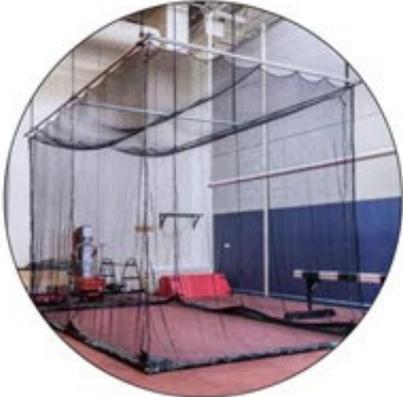
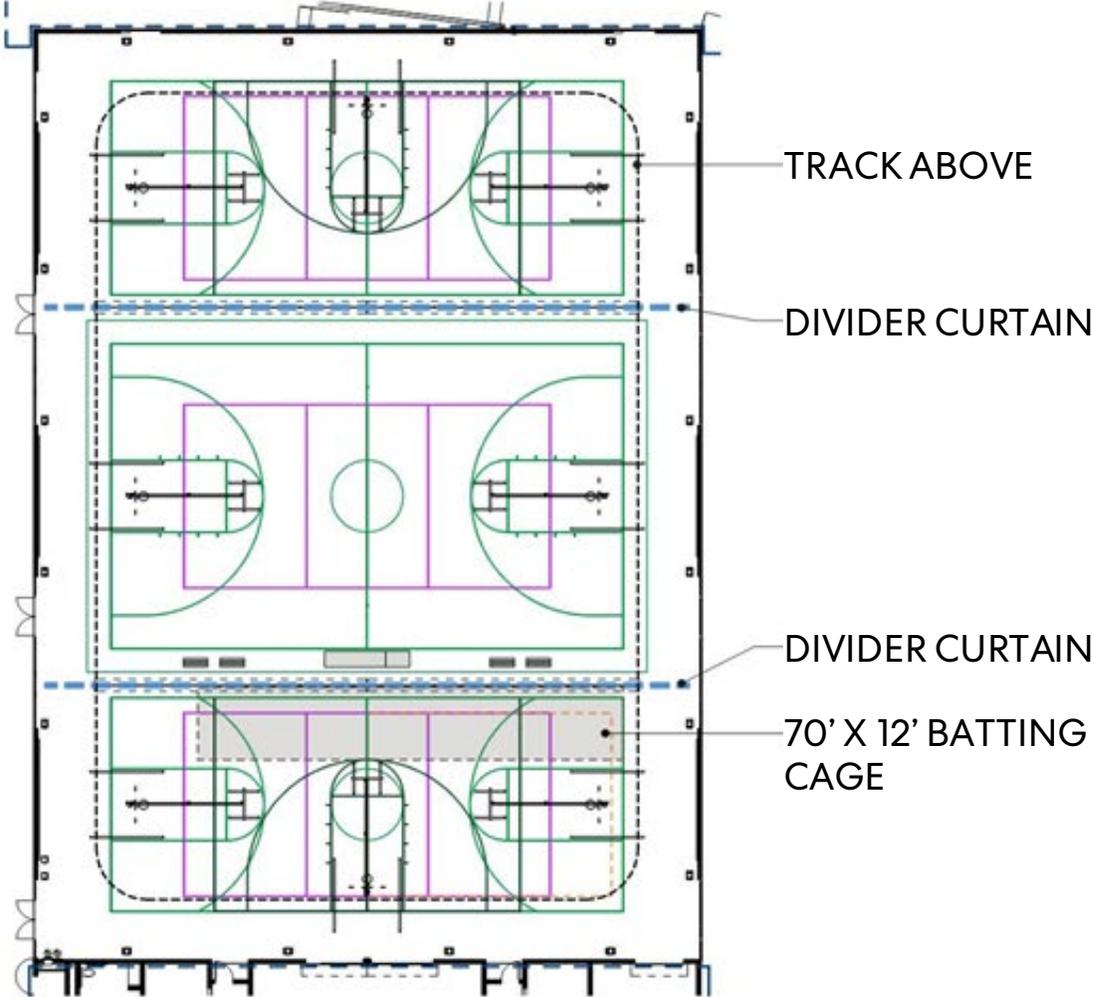
GYMNASIUM LAYOUT - VOLLEYBALL COURTS



GYMNASIUM LAYOUT - GYMNASTICS



GYMNASIUM LAYOUT - BATTING CAGE





THANK YOU!